Inventor(s): Gary L. Vondran, Jr. et. al.
Title: "Methods and Systems for Processing Print Jobs"
Atty: Susan E. Heminger (650)236-2738

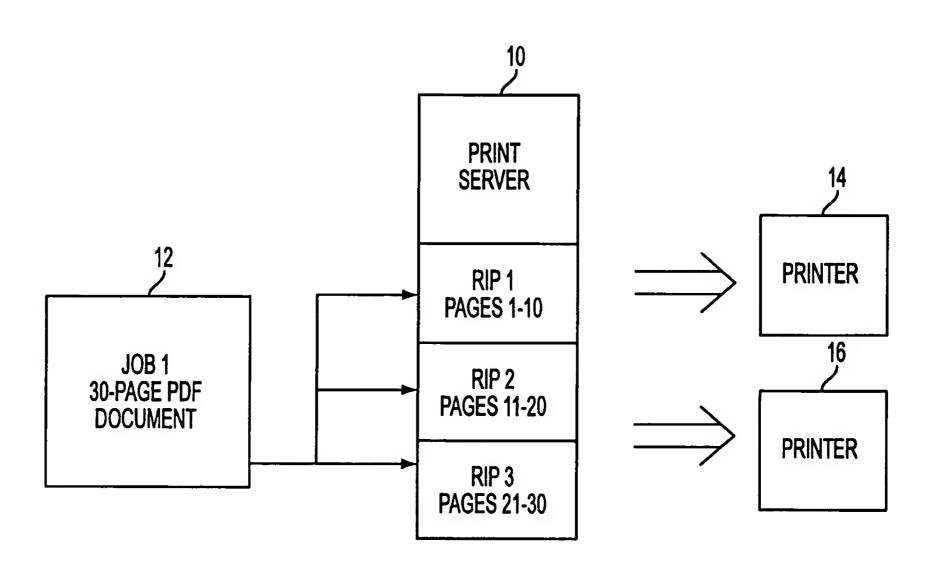


FIG. 1 PRIOR ART

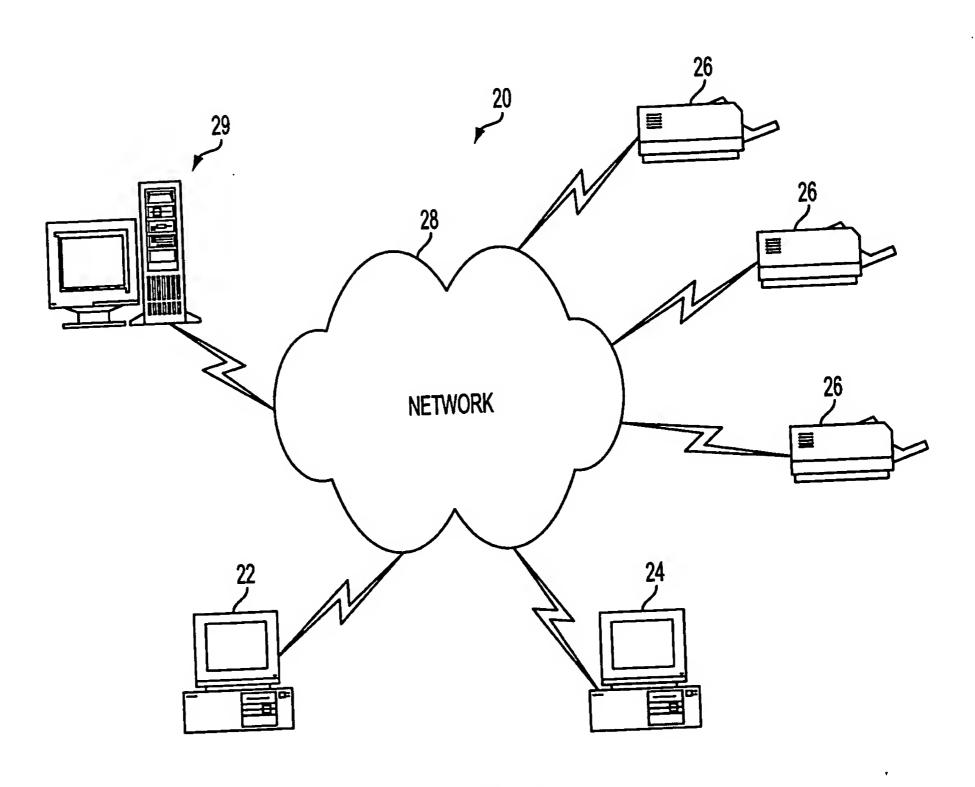


FIG. 2

PDNO.: 200311220-1

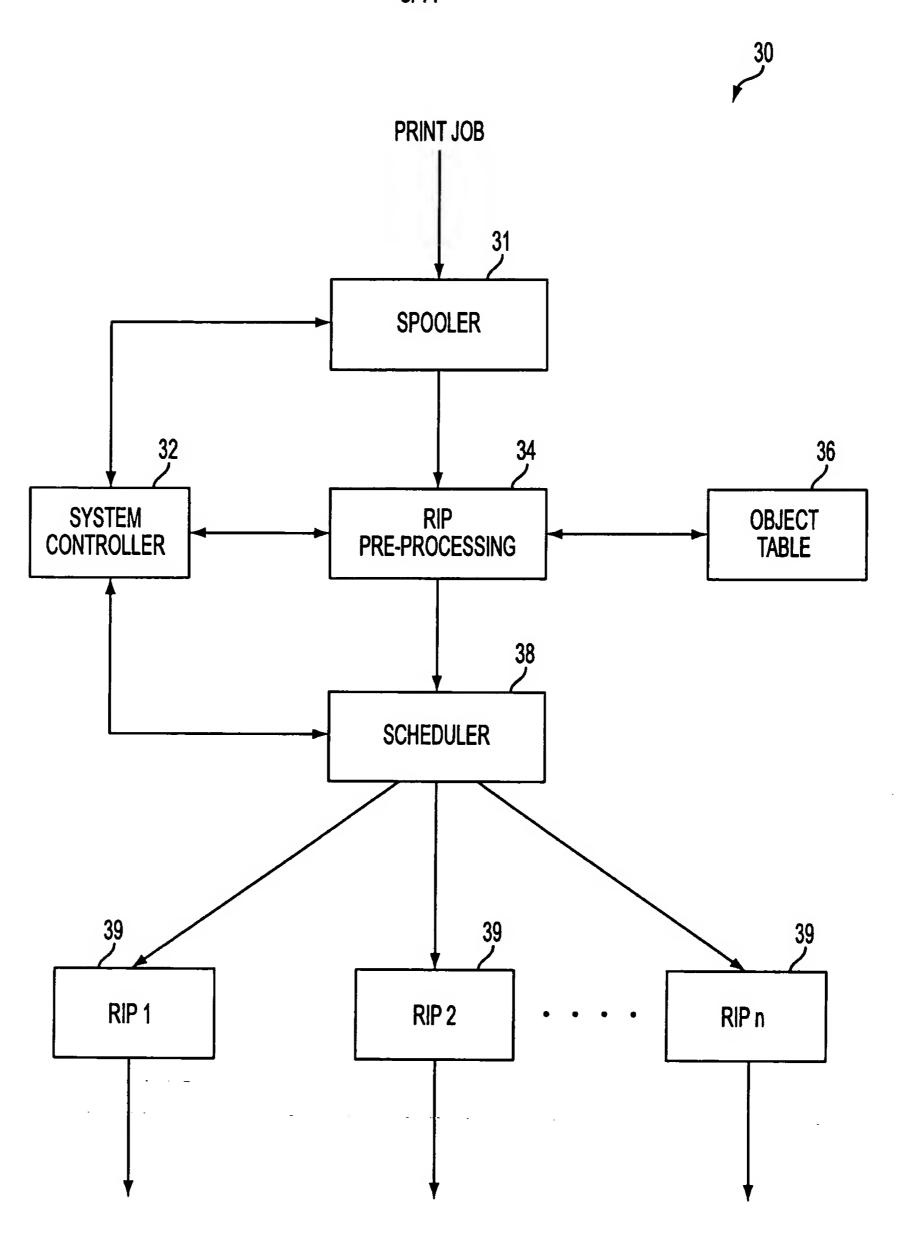
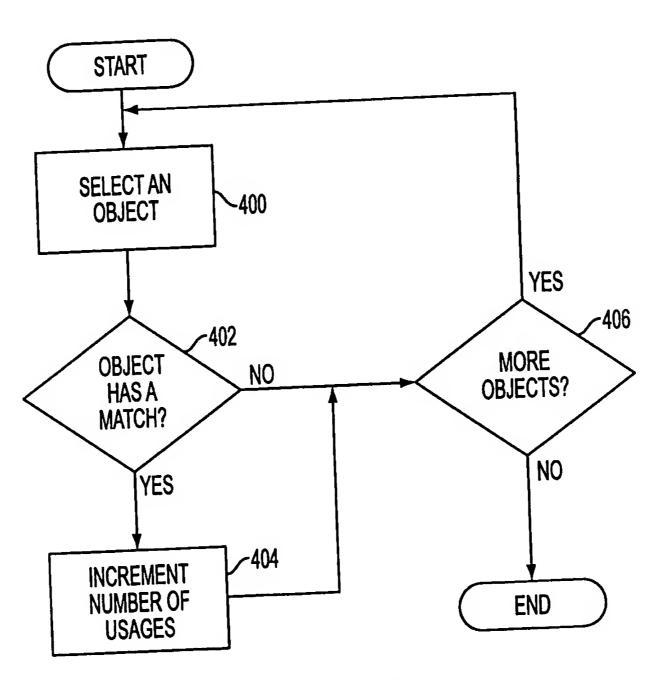


FIG. 3

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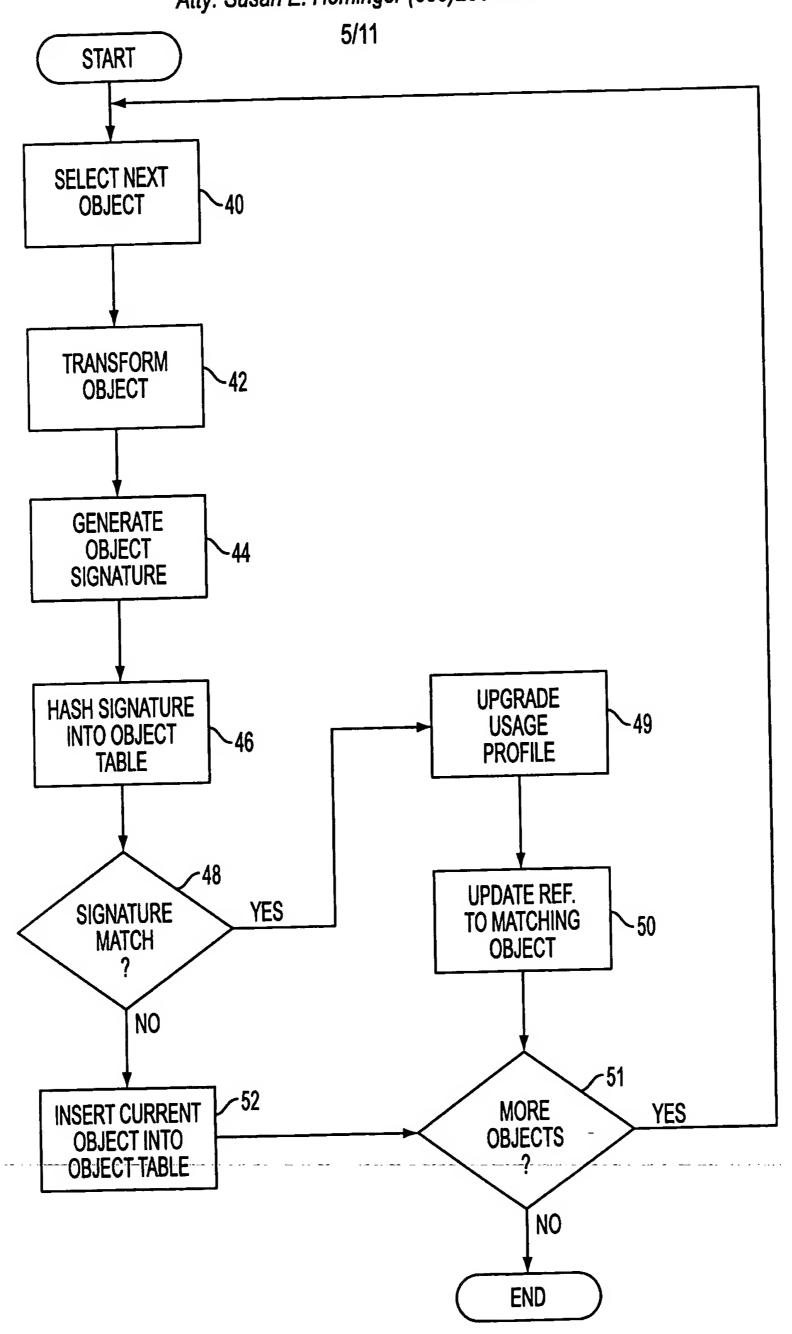


FIG. 4B

PDNO.: 200311220-1

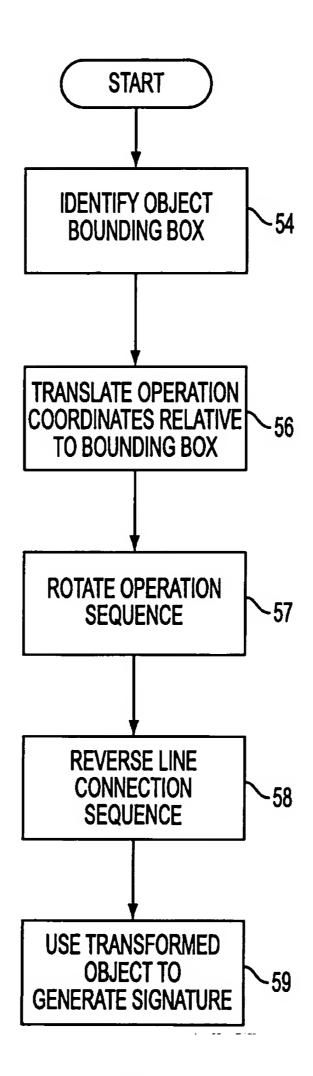


FIG. 5

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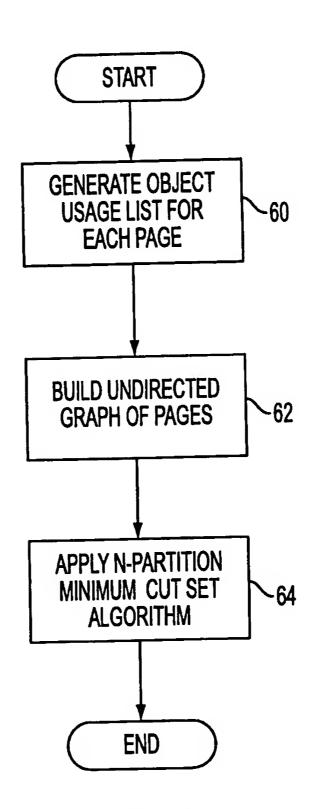


FIG. 6

8/11

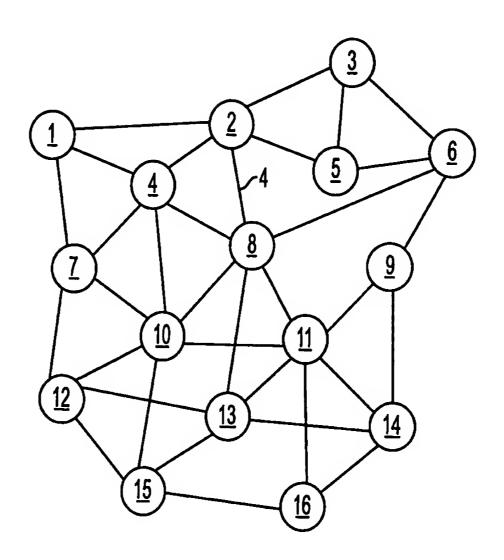


FIG. 7

9/11 INITIALIZE -80 **VALUES** COMPUTE LINK WEIGHTS AND **-82** SORT  $\bigcirc$ **SELECT NEXT** -84 LINK ENTRY -86 COMBINED YES END NODES PAGE LIST (B)MAX. PART. SIZE? NO -90 -88 MERGER # CLUSTERS = PARTITIONS? YES YES OF NODES **RESULTS IN NEW** CLUSTER? NO NO #CLUSTERS =#CLUSTERS+1 MERGE LINK'S-END NODES **\92** FIG. 8A

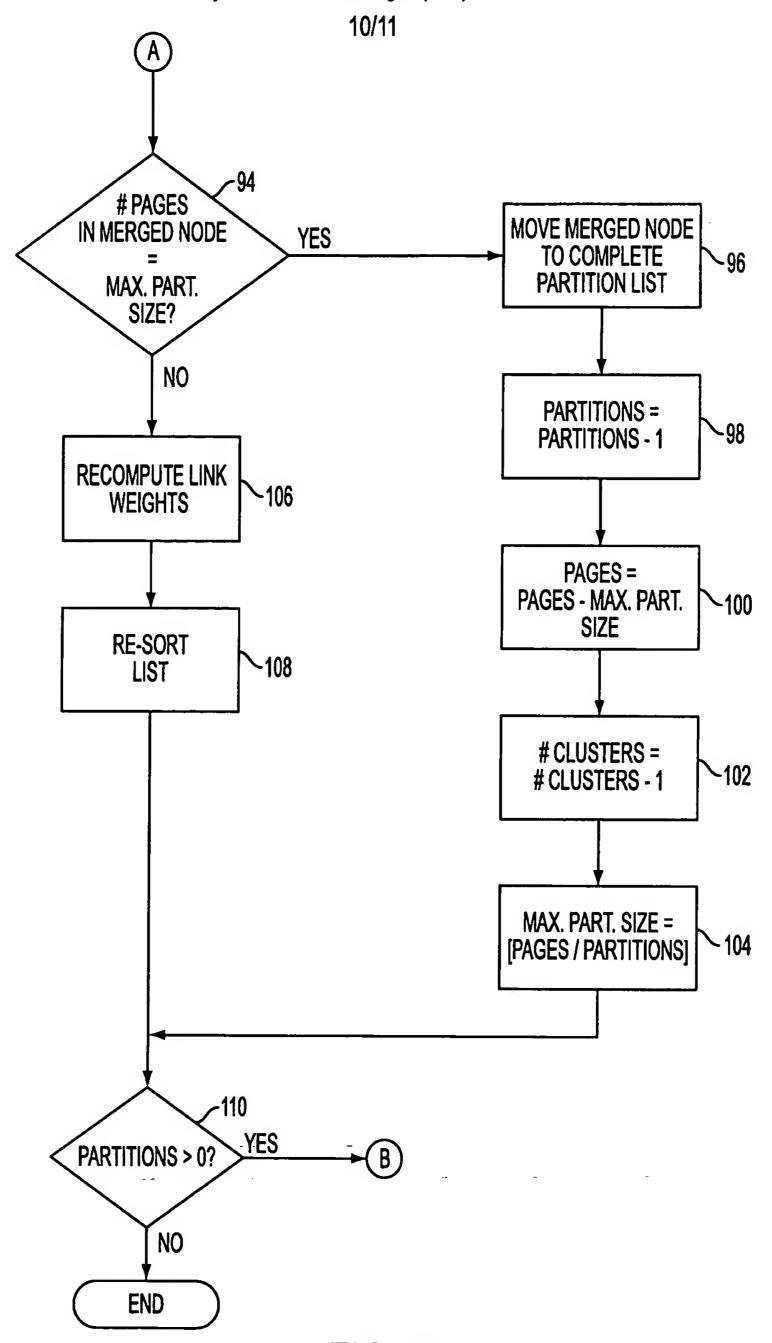


FIG. 8B

Inventor(s): Gary L. Vondran, Jr. et. al.
Title: "Methods and Systems for Processing Print Jobs"
Atty: Susan E. Heminger (650)236-2738

```
PDF FILE W/ EMBEDDED OBJECT
USAGE PROFILE
                                      Usage Profile Object (Flate encoded form)
                                       17 0 obj
<PDF Header>
                                       << /Length 167 /Filter /FlateDecode >>
<PDF Body>
                                       stream
                                       xœÔ+0Ê
xref
                                       ··NLO
` `R
                                       (ÊOEÎIU^æRº±QOT"6^Uºª_sŒ_¢
0000000000 65535 f
0000000019 00000 n
                                       _@^ä_u_RÊ1¢_'~
0000000480 00000 n
                                       <a_@_ÂÁÂÀP_Ω+æp≠<'e`tf"§>Ýtv"
0000000503 00000 n
                                       _-J
0000171680 00000 n
                                       a _ _ 6 ¬ ′ & < F (ÍÀÔ _ 8 _ X@œ _ ~ Di3V'∞
0000171714 00000 n
                                       XAE\mu b_{^{''}}^{a}<+ f_b\&S{^{''}}'\emptyset L_a
0000171733 00000 n
0000171883 00000 n
                                       _@T__å&Š`__:_G@
0000171902 00000 n
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0000171994 00000 n
                                       endobj
0000172143 00000 n
0000172163 00000 n
0000172314 00000 n
0000172334 00000 n
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                                 Usage Profile Stream
0000172579 00000 n
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0000172670 00000 n
0000172724 00000 n
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trailer
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<<
                                                         thru 5. Note object 2
                                  3[3 4 5]
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                                                         does not include the
                                  2[1 2]
<Root 16 0 R
                                                         optional page list
                                  7[2 2 4 4 6 6 6]
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                                  8 3
<ID
                                  2[6 7]
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                                  2[6 7]
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                                                        thru 10.
                                  4[1 2 6 7]
913075b4f332ce2208>]
                                  13 5
>>
                                  4[1 2 2 2]
startxref
                                                        Usage info for object 13
                                 3[4 6 8]
                                                        thru 17. Note object 15
                                  1[0]
  EOF
                                                        used prior to page 1 and
                                  3[2 4 4]
                                                        object 17 used after last
                                 1[9 9]
                                                        page (page 8).
                                  >>
```

FIG. 9